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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/647,636	08/25/2003	Maria C. Schlesener	DC-05322	2558
33438	7590	04/25/2005	EXAMINER	
HAMILTON & TERRILE, LLP P.O. BOX 203518 AUSTIN, TX 78720			LEA EDMONDS, LISA S	
			ART UNIT	PAPER NUMBER
			2835	

DATE MAILED: 04/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

877

Office Action Summary

Application No.

10/647,636

Applicant(s)

SCHLESENER ET AL.

Examiner

Lisa Lea-Edmonds

Art Unit

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,6-9,11,12,15 and 16 is/are rejected.
- 7) ☒ Claim(s) 2-5,10,13,14 and 17-20 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 August 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 10/27/03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the housing including the tabs and hooks as well as the keyboard including the tab slots and hook slots must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 8, 9, 11, 15, and 16 are rejected under 35 U.S.C. 102(b) as being anticipated by Fetterman (6212066). With respect to method claims 8, 9, and 11, Fetterman teaches a method for coupling a keyboard (106, 202, 300) into an information handling system (100, 200) the method comprising placing the keyboard (106, 202, 300) into an opening (206) of the information handling system housing (102, 204); aligning tabs (222, 302) with tab slots (226) between the keyboard (106, 202, 300) and the housing (102, 204); aligning hooks (220,304) with hook slots (224) between the keyboard (106, 202, 300) and the housing (102, 204); sliding the keyboard relative to the housing (102, 204) to engage the tabs (222, 302) in the tab slots (226) and the hooks (220, 304) in the hook slots (224); and securing the keyboard (106, 202, 300) from sliding relative to the housing to maintain the tabs (222, 302) in the tab slots (226) and the hooks (220, 304) in the hook slots (224), wherein securing the keyboard from sliding further comprises disposing a keyboard lock (400) between the keyboard (106, 202, 300) and housing (102, 204), wherein the tabs (222, 302) and hooks (220, 304) are associated with the keyboard (106, 202, 300); and the tab slots (226) and hook slots (224) are associated with the housing (102, 204) as claimed (see for example figures 1-4). With respect to claims 15 and 16, Fetterman teaches an information handling system keyboard (106, 202, 300) comprising typing keys (210) disposed on the keyboard (106, 202, 300) for inputting information to an information handling system

Art Unit: 2835

(100, 200); one or more tabs (222, 302) disposed along one edge of the keyboard (106, 202, 300), the tabs (222, 302) aligned to slide into tab slots (226) of an information handling system housing (102, 204); one or more hooks (220, 304) disposed along an opposing edge of the keyboard (106, 202, 300), the hooks (220, 304) aligned to enter hook slots (224) of the information handling system housing (102, 204) upon alignment of the tabs (222, 302) and tab slots (226) and to engage under the hook slots (224) upon sliding of the tabs (222, 302) into the tab slots (226), further comprising a keyboard lock (400) operable to prevent the keyboard (106, 202, 300) from sliding so that the tabs (222, 302) are maintained in the tab slots (226) and the hooks (220, 304) are maintained in the hook slots (224) as claimed (see for example figures 1-4).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1, 6, 7 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fetterman (6212066). With respect to claims 1, 6 and 7, Fetterman teaches an information handling system (100, 200) comprising a housing (102, 204) having a top, the top having an opening sized to accept a keyboard (106, 202, 300), the opening having a front and rear, a tab slot (226) and a hook slot (224); information processing components disposed in the housing (102, 204) and operable to process information; a

Art Unit: 2835

keyboard (106, 202, 300) sized to fit in the housing opening, the keyboard (106, 202, 300) having a front and rear, a tab (222, 302) operable to slidingly engage the tab slot (226), a hook (220, 304) operable to slidingly engage the hook slot (224); and a keyboard lock (400) operable to fit in the housing opening proximate the keyboard (106, 202, 300) to secure the keyboard (106, 202, 300) from movement in the opening, the keyboard (106, 202, 300) coupled to the housing (102, 204) by the tab (222, 302) and hook (220, 304) as claimed (see for example figures 1-4). However, Fetterman fails to teach the tab (222, 302) and hook (220, 304) being on the front and rear respectively, and the three tabs (222, 302), tab slots (226), hooks (220, 304), and hook slots (224) as claimed. It would have been obvious to one of ordinary skill in the art at the time the invention was made to relocate the tabs (222, 302), tab slots (226), hooks (220, 304), and hook slots (224) respectively, as it has been held that rearranging parts of an invention involves only routine skill in the art. *In re Japikse*, 86 USPQ 70. It would have also been obvious to one of ordinary skill in the art at the time the invention was made to use any number of tabs (222, 302), tab slots (226), hooks (220, 304), and hook slots (224) so long as they provide load support for the movable keyboard (106, 202, 300) as stated in column 5 lines 59-63 and column 7 lines 10-16. With respect to claim 12, Fetterman teaches the invention as set forth by claim 8, however not in the orientation as set forth by claim 12. It would have been obvious to one of ordinary skill in the art at the time the invention was made to relocate the tabs (222, 302), tab slots (226), hooks (220, 304), and hook slots (224) respectively, as it has been held that rearranging parts of an invention involves only routine skill in the art. *In re Japikse*, 86 USPQ 70.

Allowable Subject Matter

5. Claims 2-5, 10, 13, 14, and 17-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. The following is a statement of reasons for the indication of allowable subject matter: as to claims 2-5, 13, and 19, patentability resides, at least in part, in the pull tab being coupled to the keyboard as claimed, in combination with the other limitations of the base claim; as to claims 10, 14, 17, 18, and 20, patentability resides, at least in part, in the keyboard lock comprising a cover further comprising an engaging rib as claimed, in combination with the other limitations of the base claim.

Conclusion

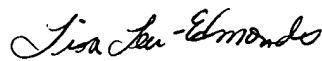
7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Please note the information handling system of Luecke (4092527), Honda et al. (6546820), Yu et al. (20040190233), DeLuga et al. (20020044408), Hsieh (6751089), Adriaansen et al. (6700773), Landry et al. (6628506), Lu et al. (20030021082), Lin (20020085338), Merkel (5510953), Jin et al. (6320743), Chiang et al. (6493215), Youn et al. (5966284), Horiuchi et al. (6805505), and Song et al. (6064564).

Art Unit: 2835

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lisa Lea-Edmonds whose telephone number is 571-272-2043. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Field can be reached on (571) 272-2800, ext 35. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Lisa Lea-Edmonds
Primary Examiner
Art Unit 2835

2005-04-20